BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work: Providing children play equipments and senior citizen gym equipments and landscape developments to parks in Ward No.08 Kodigehalli of Yelahanka Zone

Agency:-Sri Satish Gowda

SCHEDULE-B

Sl No	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Words
1	Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, including removal and disposal of top organic soil not exceeding 150 mm in thickness complete as per specifications. I. By Manual Means: A. In area of light jungle. MORTH Specification and as per the direction of engineer in charge of work	Hectare	0.18	58594.95	Rupees Fifty Eight Thousand Five Hundred Ninety Four And Paise Ninety Five Only
2	Excavation for road way in all types of soil by mechanical means including cutting and pushing the earth to site of embankment including trimming bottom and side slopes in accordance with requirements of lines, grades and cross sections complete as per specifications and as per the direction of engineer in charge of work	Cum	1178.04	210.28	Rupees Two Hundred Ten And Paise Twenty Eigh Only
3	Construction of embankment with approved material Gravel /Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95 of proctors density and as per the direction of engineer in charge of work	Cum	945	362.04	Rupees Three Hundred Sixty Tw And Paise Four Only
4	Wet Mix Macadam Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and as per the direction of engineer in charge of work	Cum	109	1999.6	Rupees One Thousand Nine Hundred Ninety Nine And Paise Sixty Only
5	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the direction of engineer in charge of work	Cum	110.62	5834.56	Rupees Five Thousand Eight Hundred Thirty Four And Paise Fifty Six Only

A. Satish Gowda
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Executive Engineer
Project Division
Yelahanka Zone

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	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Words
6	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications and as per the direction of engineer in charge of work	Sqm	225.4	1093.31	Rupees One Thousand Ninety Three And Paise Thirty One Only
7	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1 : 6 stone hammerd dressed in courses not less than 20 ems high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications and as per the direction of engineer in charge of work	Cum	99.84	5019.38	Rupees Five Thousand Ninetee And Paise Thirty Eight Only
8	Providing and laying in position plain cement concrete of mix 1:2:4 with cement at 240kgs, with 20mm and down size graded granite metal coarse aggregates at 0.878 cum and fine aggregtes at 0.53cum, machine mixed, concrete laid in layers not exceeding 15 ems. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the direction of engineer in charge of work	Cum	61.4	6522.67	Rupees Six Thousand Five Hundred Twenty Two And Paise Sixty Seven Only
9	Providing and laying fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification and as per the direction of engineer in charge of work	Sqm	330	1300.7	Rupees One Thousand Three Hundred And Paise Seventy Only
10	Back filling behind abutment, wing wall and return wall complete as per drawing and Technical Specification complete as per specifications and as per the direction of engineer in charge of work	Cum	27.6	628.17	Rupees Six Hundred Twenty Eight And Paise Seventeen Only
11	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint and as per the direction of engineer in charge of work	Sqm	747	790.01	Rupees Seven Hundred Ninety And Paise One Only

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	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Words
12	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC 1 :2:4 WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 ems. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer in charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) and as per the direction of engineer in charge of work	m	457.8	981.82	Rupees Nine Hundred Eighty One And Paise Eighty Two Only
13	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer in charge of work etc., complete including two coats of approved quality paint over one coat of shop paint and as per the direction of engineer in charge of work	m	976	388.41	Rupees Three Hundred Eighty Eight And Paise Forty One Only
14	Fabricating, providing and erecting in position Hot dip galvanised Gate. Using 72 X 72 X 4.8mm Sq. GI Pipe Frame with Top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanised sq. rod for verticals at 150mm c/c, as shown in the drawing including providing hot dip galvanised forged ornamental design in between sq. rods and heads at top, middle and bottom. Intermediate supports of 75X12 mm and 50X6 mm arch bend to hot dip galvanised flats. The work is inclusive of throughing GI flat GI sq. rods, placing, welding all the joints including grinding, finishing metal putty, painting two coats enamel painting. The rate is inclusive of all materials like GI sq. pipe, GI sq. rods, GI forged designs etc., heavy duty hinges are made out of 75mm solid sq. block assembled with 20mm dia bearing in three places for each flop. Heavy Duty Locking arrangements at tow places including cost of labour, painting, erecting charges using hoist pulley cranes with all lead and lift, loading, transportation, unloading, scaffolding charges and all other incidental charges for successful completion of the work	Sqm	16.8	13847.28	Rupees Thirteen Thousand Eight Hundred Forty Seven And Paise Twenty Eight Only
15	Fabricating, providing and erecting in poiston of M S Ornamental security Grill without hot dip using 75 x 12mm M S Flat for alround frame work with verticals at the centre and horizontal centere support M S Square of 20 x20 mm of different heights as shown in the drawing are to be fixed at 16 cms C/C for suqare bars of full height and at 8cms C / C for bottom rods providg ornamental C I Designers at thebotom and C I arrows inthe midle and top. The entire frame work is to be fixed by means of expansion bolts to the brick pillars with necesary drillling holes. the work includes providng two coats of enamel painting over one coatr of red lead ready mix primer coat etc complete cost of all labour, painting, erection charges using hoist pulleycranes etc as per specification and drawings. and as per the direction of engineer in charge of work	Kgs	7271.42	157.04	Rupees One Hundred Fifty Seven And Paise Four Only

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	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Words
	roviding and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications and as per the direction of engineer in charge of work	Sqm	3.6	1123.28	Rupees One Thousand One Hundred Twenty Three And Paise Twenty Eight Onl
17	Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. and as per the direction of engineer in charge of work	Sqm	7.2	292.51	Rupees Two Hundred Ninety Two And Paise Fif One Only
18	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete and as per the direction of engineer in charge of work	Nos	596	375.22	Rupees Three Hundred Seventy Five And Paise Twenty Two Onl
19	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. and as per the direction of engineer in charge of work	Sqm	101	71.93	Rupees Seventy One And Paise Ninety Three Onl
20	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.and as per the direction of engineer in charge of work	Sqm	684	98.3	Rupees Ninety Eight And Paise Thirty Only
21	Supply and Fixing of Pull Down Challenger. Metal: All tubular steel of 2 .5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All weld d joints are scalloped as necessary and welded to an approved MIG process.All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at II the welding points prior to finishing . All metal parts are powder coated using AKZO Nobel Great Wall powder to the thickness of 80-120 microns. Allmetal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to 1507227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for th e handles. Bearings:Maintenancefree ball bearings. Scope of delivery1completely pre-assembled equipment modules. Maintenance Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified internat ional certifying agency such as IPEMATUVCPSC or SGS only.The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display	Unit	1	266400.0	Rupees Two Lakh(s) Sixty Six Thousand Four Hundred Only

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	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Words
22	pply and fixing of Seated Chest Press. Metal: All tubular steel of 2.Smm thikness are galvanized and z inc dipped. Joints are Robotic welded. All welded joints t1Hscalloped as necessary and welded to an approved MIG process. All welds an 111 csed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the w 11lt1ing points prior to finishing. All metal parts are powder coated using AKZO Nobel (11 ca t Wall powder to the thickness of 80-120 microns. All metal parts are tested in rn 1r a lt spray machine that uses a 5% NaCl solution in accordance to 1507227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handle!Bearings Maintenance-free ball bearings. Scope of delivery 1completely Prt' ,ssembled equipment modules. Maintenance Maintain according to EN 166630 and the maintenance guide. Safety: All products must be tested and certified to mt(IEN16630 safety standards with GS test mark. The EN 16630,certificates must be issued by a reputed notified international certifying agency such as IPEMA, 1UV, CPSC, or SGS only. The GS Mark EN16630 Certificates must be in the name of tendering party and not any 3rd party.All products must clearly display	Unit	1	255300.0	Rupees Two Lakh(s) Fifty Five Thousand Three Hundred Only
23	Supply and fixing of Self Weighted Rower. Metal: All tubular steel of 2.Smm thit.kness are galvaniied and zinc dipped. Joints are Robotic welded. All welded joiflts arc scalloped as necessary and welded to an approved MIG process. All welds arc dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our sa lt S'PI,ray machine.that uses a 5% NaCl solution in accordance to IS07227 to speed up3 c6rrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings Maintenance-free ball bearings. Scope of delivery 1completely pre-assembled equipment modules. Maintain according to EN 16630 and the maintenance guide. Safety:All products must be tested and certified to meet EN16630 safety standards only by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS. The GS MorkEN16630 Certificates must be in the name of tendering party and not any 3rd p11 ty All products must carry a GS mark on it Size(L x W x H) 1390 x	Unit	1	183150.0	Rupees One Lakh(s) Eighty Three Thousand One Hundred Fift Only

H.V.

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A Satish Gowda
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Executive Engineer
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	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Words
24	cply and fixing of Elliptical Cross Trainer. Metal: All tabular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are RClbotic welded. All weldecl 1oints a re scalloped as necessary and welded to an approved MIG process. All welds .i re dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at .ill the welding points prior to finishing. Alt metal parts are PCl\vder coated using AKZO Nobel Great Wall powder to the thickness of 80-120 microns. All metal parts are testecJ in our salt spray machine that uses a 5% NaCl solution iri ilccordance to IS07227 to speed up corrosion for 3000 hrs. Rubber: High quality trip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1completely.pre-assembled equipment modules. Maintenance: Maintain according to EN 1G63and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards w ith GS test mark.The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA,TUV ,CPSC, or SGS only .The GS Mark-EN16630 Certificates must be in the name of tendering party and not any 3rd party. The certificates must be	Unit	1	155400.0	Rupees One Lakh(s) Fifty Five Thousand Four Hundred Only
25	Supply and Fixing of Rider. Metal: All tubular steel of 2.smm thickness are galvdilzed and zinc dipped . Joints are Robotic welded. All weldect joints are scalloped as necessary and welded to an approved MIG proi;ess.11 welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing.All metal parts are powder Clated using AKZO Nobel-G reat Wall powder to the thickness of 80-120 microns. All lletal parts are tested in our sa lt spray machine that uses a 5% NaCl solution in accorcJince to 1507227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubher is used for the handles. 5 Bearings : Maintenancefree ball bearingsScope of livery: 1completely pre-assembled equipment modules. Maintenance: Maint1in according to EN 16630 a nd the maintenance guide. Safety Alf products must b tested and certified to meet EN16630 safety standards with GS test mark. The El16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV ,CPSC, or SGS only. The GS Mark-EN16630 Certificate must be in the name of tendering party and not any 3rd party. All products 'hust clearly display the GS mark as has	Unit	1	99900.0	Rupees Ninety Nine Thousand Nine Hundred Only

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A Satish Gowda
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Executive Engineer
Project Division
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	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Wo
26	...pply and Fixing of Bicycle. Metal: All tubular steel of 25mm thickness ...re galvani zed and zinc dipped. Joints are Robotic welded. All welded ...oint s are S(llloped as necessary and w eldea to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the weltling points prior to finishing.All metal parts are powder coated using AKZO Nobel GreatWall powder to the thickness of 80- 120 microns. All metal parts are tested in our salt v pray machine that uses a 5% NaCl solution in accordance to IS07227 to speed up -orrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. each 1 125000 125000 131188 131188 134500 134500 Bearings: Maintenance-free ball bearings . Scope of delivery: 1completely pre assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to mee t EN16630 safety standards only by a reputed notified international certifying acency such as IPEMA,TUV,CPSC, or SGS. The GS Mark EN16630 Certificates must be in the name of tendering party and not any 3rd party. SizeL x W x H): 1000 x 498 x 120 mm. Weight : 51.5 Kg Safety	Unit	1	138750.0	Rupees On Lakh(s) Thirty Thousand Se Hundred Fifty
27	Supply and Fixing of Arm & Pedal Bike. Metal: All tubular steel of 2.Smm thickness a re galvanized and zinc dipped.Joints are Robotic welded.All welded joints are sca lloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to IS07227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles.Bearings : Maintenance-free ball bearings.Scope of delivery: 1completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide.Safety : All products must be tested anEl certified to meet EN16630 safety standards only by a reputed notified international certifying agencv such as IPEMA,TUV, CPSC, or SGS. The GS Mark- EN16630 Certificates must be in t he name of tendering party and not any 3rd party.Size(L x W x H}: 830 x 500 x 1450 mm. Weight: 32 Kg Safety Area: 3830 x 2900 mm Capacity 1Persons.and	Unit	1	188700.0	Rupees One Lakh(s) Eighty Ei Thousand Seve Hundred Only
28	Supply and Fixing of Tai Chi Spinners . Metal: All tubular steel of 2.Smm thickns are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are sc;illoped as necessa ry and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the w eldin points prior to finishing. All metal parts are powder coated using AKZO Nobel G reat Wall powder to the thickness of 80- 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to JS07227 to speeu up corrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance -free ball bearings. Scope of delivery: 1completely pre-assembled equipment modules. Maintena nce:Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUY, CPSC, or SGS only. The GS Mark-	Unit	1	127650.0	Rupees One Lakh(s) Twenty Seven Thousand Six Hundred Fifty Only

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	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Words
29	...pply and fixing of Twist Stepper. Metal: All tubular steel of 2.Smrn ...ickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are sca lloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-GreatWall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to IS07227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings.Scope of delivery: 1completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark.The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV ,CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as	Unit	1	199800.0	Rupees One Lakh(s) Ninety Nir Thousand Eight Hundred Only
30	Supply and fixing of Big Shoulder Wheel. Metal: All tubular steel of 2.Smm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joint ure scalloped as necessary and welded to an approved MIG process. All welds arc' dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the w elding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80- 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to IS07227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles.CV-10 Bearings: Maintenance-free ball bearings. Scope of delivery:1completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to rneet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party.All products must clearly display	Unit	1	133200.0	Rupees One Lakh(s) Thirty Three Thousand Two Hundred Only

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	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Words
31	Supply and fixing of HD Health Walker. Metal: All tubular steel of 1.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joint s arescalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a S% NaCl solution in accordance to IS07227 to speed up corrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bea rings.11 Scope of delivery: 1completely pre-assembled equipment modules. Maintenance: Maintain according to EQ_and the maintenance guide.Safety: All productsmust be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS oniy. The GS Mark-EN16630 Certificates must be in the name of tendering party and not	Unit	1	155400.0	Rupees One Lakh(s) Fifty Five Thousand Four Hundred Only
32	Supply. and Fixing of HD Sit Up Station. Metal: All tubular steel of 2.Smm thickness are galvanized and z inc dipped.Joints are Robotic welded. All welded joints are scalloped as necessa ry and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is appiied at a ll the weldint1 points prior to fini shing. All metal parts are powder coated using AKZO Nobel-Grca t Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to IS07227 to speed up corrosion for 3000 hrs. Rubber: High qualiry grip rubber is used for the handle.12 Bearings: Maintenance-free ball bearings.Scope of delivery :1completely pre-each 1 125000 125000 131188 131188 134500 134500 assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark.The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA,TUV ,CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party	Unit	1	138750.0	Rupees One Lakh(s) Thirty Eigh Thousand Seven Hundred Fifty Onl

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	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Words
33	Supply and fixing of HD Squat Pushing. Metal:All tub.ular steel of 2.Smm thickness nos are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are sca lloped as necessary: and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing . All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our sa lt spray machine that uses a 5% NaCl solution in accordance to IS07227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles 13 Bearings: Maintenance-free ball bearings.Scope of delivery: 1completely pre-assembled equipment modules.Maintenance: Maintain according to EN 16630 andthe maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only .The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd	Unit	1	238650.0	Rupees Two Lakh(s) Thirty Eig Thousand Six Hundred Fifty Or
34	Supply and fixing of HD Waist Twister. Metal : All tubular steel of 2.Smm thic k11ess are ga:vanized and zinc dipped. Joints are Robotic welded. All welded joints are scJlloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns.Al l metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to IS07227 to speed up rrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. arings : Maintenance-free ball bearings.Scope of delivery: 1completely pre-assembled equipment modules. Maintenance : Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA,TUV, CPSC, or SGS only. The GS Mark-EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has	Unit	1	144300.0	Rupees One Lakh(s) Forty Fo Thousand Thre Hundred Only

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Project Division
Yelahanka Zone

	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Words
35	...ply and Fixing of HD.Mini Ski. Metal:All tubular steel of 2 .Smm ...kness are galvanized and zinc dipped. Joints are Robotic welded. ...l welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed offremoving all sha rp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing.All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to 1507227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1completely pre-assembled equipment modules. Maintenan(;:e :Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meetEN16630 safety standards with GS test mark.The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV,CPSC, or SGS only.The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party.All products must clearly display the GS mark as	Unit	1	177600.0	Rupees One Lakh(s) Seventy Seven Thousand Six Hundred Only
36	Supply and fixing of HD Double Health Walker. Metal: All tubular steel of 2.50mm thickness are galvanized and zinc dipped. Joints are Robotic welded . All welded joints are scalloped as necessary and welded to an approved MIG process. All welds a re dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied ut all the welding points prior to finishing. All metal parts are powder coated using AK ZO Nobel Great Wall powder to the thickness of 80-120 microns. All metal parts are test ed in our salt spray machine that uses a 5% NaCl solution in accordance to 1507227 to peed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the tlandles. Bearings: Maintenance-free ball bearings.Scope of delivery : 1completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must besuch as IPEMA, TUV,issued by a reputed notified international certifying agency CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party.All products	Unit	1	266400.0	Rupees Two Lakh(s) Sixty Six Thousand Four Hundred Only
37	Providing and fixing granite benches as per design, specification and fixing as per the directions of the engineer in charge.and as per the direction of engineer in charge of work	Unit	10	11710.5	Rupees Eleven Thousand Seven Hundred Ten An Paise Fifty Only

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	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Words
38	ANUFACTURING:-PROVIDING AND FIXING A GAZEBO os Size 22 eet dia approximate) made of MS Round pipe of 6 inches diameter of 12 SWG for pillars 10feet in height,in which 8ft will be above the ground level and 2 feet embedded in cement concrete and provided with MS plate on top of the pillars.MS I section 100x50mm of heavy gauge for Rafters)is placed between the poles on top of the flush plate.Also MS rectangular tubes of 100x40mm are to be mounted vertically on all 8pillars.MS rectangular tubes of 40x20mm reepers are welded horizontally in between the rectangle tubes for a distance of 1 feet approximately so as to get the desired octangol Shape for fixing approved qualoity Corrugated Managlore tiles on the roof 2 layers as per the design. Flat design tiles and rigid tiles are to be provided on Existing reepers and pointed with cement mortar.The Gazebo is to be fixed ob asuitable platform the central height being 15 to 16 feet and including allround bed Concrete 1:4:8 and tampered with fine red earth with cement slurry.the works includes earthwork excavation concreteing,masonry work and cost of all materials labour equipments machinery with all lead and lift loading and unloading etc complete	Unit	2	430596.75	Rupees Four Lakh(s) Thirty Thousand Five Hundred Ninety S And Paise Sevent Five Only
39	Sinking Borewell of 165mm dia clear, using fast rig in all strata including over-burden upto 20mts. Fixing of casing Pipes, collars and cap with necessary cutting and threading including, transportation of Rig and supporting vehicle, crew charge and cost of consumbles, etc, complete including yield testing at the final depth with a minimum woring of compressor for one hour. (excluding cost of casing pipes, collars and cap, etc.) and as per the direction of engineer in charge of work a) 0.00 to50.00 Mtr	Rmtr	100	339.66	Rupees Three Hundred Thirty Nine And Paise Sixty Six Only
40	b) 50.00 to 100.00 Mtr	Rmtr	100	444.0	Rupees Four Hundred Forty Four Only
41	c) 100.00 to 150.00 Mtr	Rmtr	100	493.95	Rupees Four Hundred Ninety Three And Paise Ninety Five Only
42	d) 150.00 to 200.00 Mtr	Rmtr	100	521.7	Rupees Five Hundred Twenty One And Paise Seventy Only
43	e) 200.00 to 250.00 Mtr	Rmtr	100	603.84	Rupees Six Hundred Three And Paise Eighty Four Only
44	f) 250.00 to 300.00 Mtr	Rmtr	100	647.13	Rupees Six Hundred Forty Seven And Paise Thirteen Only
45	g) 300.00 to 350.00 Mtr	Rmtr	100	690.42	Rupees Six Hundred Ninety And Paise Forty Two Only

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	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Words
46	...upply of ISI Mark 175mm nominal Bore, Plain end steel casing Pipe-grade of steel Fee 4100 of wakk thickness 504mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel electric or basic oxygen process in fandom length of 5 to 7mtr. Both ends threaded confirming to Is554/1985 one end fixed with socket confirming to IS 270:2001 and other end with screwed pipes. All pipes shall be reasonably free from defectes. The tubes shall be resonably straigth should be with ISI Marking Weighting 25.10 kg/mtr (Inclusive of all taxes and durties) Prices include Collar - medium dutyand as per the direction of engineer in charge of work up to 20m	Rmtr	14	1470.75	Rupees One Thousand Four Hundred Seventy And Paise Seventy Five Only
47	a) Above 20mtrs and upto 30mtrs.@15%	Rmtr	14	50.95	Rupees Fifty And Paise Ninety Five Only
48	b) Above 30mtrs@30%	Rmtr	28	101.9	Rupees One Hundred One And Paise Ninety Only
49	175mm M.S. B-Class Casing Collar	Nos	10	166.5	Rupees One Hundred Sixty Six And Paise Fifty Only
50	175mm dia Casing Cap	Nos	2	111.0	Rupees One Hundred Eleven Only
51	Supply and delivery at site brand new submesible PUMPSET suitable for bore well of 150 mm dia and having declared duty conditions as detailed below and satisfying performances characteristics for pump and motor as declared by bureau of Indian standards. The pump should confirm to IS:8034-1970 (with all its latest amendments) and should bear the ISI mark 12.5 HP 20 stage and as per the direction of engineer in charge of work	Set	2	78366.0	Rupees Seventy Eight Thousand Three Hundred Sixty Six Only
52	Supply and Delivery of Galvanized Mild steel Heavy Class (C-Class) conforming to IS 1239-1979 PART-I/1979 with lastest amendments with ISI mark (one end fitted with ISI mark heavy duty collar and other end fitted with Protective cover) 50 mm dia and as per the direction of engineer in charge of work	Mtr	500	416.25	Rupees Four Hundred Sixteen And Paise Twenty Five Only
53	Submersible Cable: Supply and Delivery of brand new best make PVC insulated cable of flat 3core (sheathed) of nominal cross sectional area containing to IS 894-1997 with latest amendments (as per SPD) 4 Square mm and as per the direction of engineer in charge of work	Mtr	900	89.91	Rupees Eighty Nine And Paise Ninety One Only
54	50 mm dia GI Collar Heavy duty	Mtr	60	144.3	Rupees One Hundred Forty Four And Paise Thirty Only

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	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Words
5	...ter and Panel Board: Supply and Delivery of Meter and Panel ...board: Meter Board unit one number of MS Box of size 300x120 mm size fabricated out of 2mm thick sheet metal with sealable door arrangement for munting the CTS (if any) cutouts 3phase dia 4 wire energy meter and cable box complete. A transparent glass piece should be provided where the energy meter reading could be read. Panel Board: One number of cubicle type of control panel board to operate on 50c/400/400v Upto 10 to 20 HP and as per the direction of engineer in charge of work	Nos	2	12210.0	Rupees Twelve Thousand Two Hundred Ten Only
56	50mm dia G.I.N.R. Valve	Nos	2	950.16	Rupees Nine Hundred Fifty And Paise Sixteen Only
57	Erection & Commissioning of work of pumpset including aligning and balancing with all necessary erection of materials and labour including supply and erection of two pair of supporting clamps, one borewell cap, cable clips and water tight gland cable protectors, bolts nuts valves and gauges etc, all job including fixing sluice valve, non return valve etc, and connecting delivery side of pumpset to rising main etc, complete and as per the direction of engineer in charge of work	Nos	2	943.5	Rupees Nine Hundred Forty Three And Paise Fifty Only
58	Power Capacitor: Supply and Delivery of brand new best make capacitor conforming to IS:2834-1986 with latest amendments with ISI mark of required capacity tested and approved by KPTCL anthorities and erection, electrification and commissioning of the same at the location of the respective pumpsets. Supply & Delivery of best indigenous brand new MCB (Miniature Circutit Breaker) of required capacity as per IS:8828-1978 and its latest amendment with ISI mark 6/10/20/25/40 amps with sealble box with MCB 3 KVAR and as per the direction of engineer in charge of work	Mtr	2	510.6	Rupees Five Hundred Ten And Paise Sixty Only
59	Supplyin mmdia 2mm 2.5mm thick heavy gauge PVC conduit pipe with suitable size bends, metal/PVC junction boxes adhesive pase etc., and running before cocreting the slab. The conduit should be tiled to the reinforcement rods by using binding wires and unused ways of junction boxes and plpe ends should be covered using PVC end enclosuers. Run with 18SWGGI fish wire wherever necessaryand as per the direction of engineer in charge of work	Nos	20	49.15	Rupees Forty Nine And Paise Fifteen Only
60	Supplying of TPST with rewirable porcelain channels in SM enclosure. and as per the direction of engineer in charge of work	Nos	2	1630.37	Rupees One Thousand Six Hundred Thirty And Paise Thirty Seven Only
61	Supplying and fixing polished wood board made of not less than 15 mm thick plan on both sides with planks made out of more than two pieces and fixing the same to the wall using wooden plugs, screws etc.,and as per the direction of engineer in charge of work	Nos	4	341.66	Rupees Three Hundred Forty One And Paise Sixty Six Only

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	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Words
	supplying and wiring adopting loop system in existing PVC conduit/casing caping using Copper PVC insulated multistrand 2x1.5 Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box. The other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet and as per the direction of engineer in charge of work(a) Short Point upto 3Mtr form tapping point to outet via switch	Mtr	2	209.79	Rupees Two Hundred Nine And Paise Seventy Nine Only
63	Long Point above 6 Mtr. Upto 10 Mtr. From tapping point to out let via switch	Mtr	2	441.16	Rupees Four Hundred Forty One And Paise Sixteen Only
64	Supplying 6 A flush/projected type socket and a 6Amps flush/projected type SP switch either surface/flush mounting in a existing gang box or a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required and as per the direction of engineer in charge of work	Nos	2	127.07	Rupees One Hundred Twenty Seven And Paise Seven Only
65	Wiring for lighting /power circuit using one of PVC insulated 1100V grade multis and Copper conductor single core cable in open or consealed system of wiring and as per the direction of engineer in charge of work	Mtr	50	25.14	Rupees Twenty Five And Paise Fourteen Only
66	Supplying and fixing PBBC backelite straight or slant batten holder &wiring 60w/230 Volts lamps and as per the direction of engineer in charge of work	Mtr	6	67.13	Rupees Sixty Seven And Paise Thirteen Only
67	Supplying and fixing of LED type panel borad indicating lamp with required colour suitable for 220 v A.C. 50 Hz 12/24v D.C and as per the direction of engineer in charge of work	Nos	6	515.48	Rupees Five Hundred Fifteen And Paise Forty Eight Only
68	Lobour charges for laying of 1.1KV class UG cable when supplied departmentally/ agency in existing trench GI pipe/stoneware pipe/on wall/on pole as required and as per the direction of engineer in charge of work	Mtr	24	179.82	Rupees One Hundred Seventy Nine And Paise Eighty Two Only
69	Digging of trench of 0.6mtrs deepx0.5 mtrs wide refilling the required gorund level and consolidating etc., complete and as per the direction of engineer in charge of work	Mtr	24	9.59	Rupees Nine And Paise Fifty Nine Only
70	Supplying and fixing of class 'A' GI pipe on pole /wall/drain crossing with necessary clamping arrangement for UG cable of 1.1KV class and as per the direction of engineer in charge of work	Mtr	16	47.95	Rupees Forty Seven And Paise Ninety Five Only
71	Supplying and fixing of heay duty cable glands suitable for UG cable of 1.1KV class metal only and as per the direction of engineer in charge of work	Mtr	12	287.71	Rupees Two Hundred Eighty Seven And Paise Seventy One Only
72	Supplying and fixing miniature circuit breakers on existing MCB disitribution boards using necessary fixing materials and wiring complete as required and as per the direction of engineer in charge of work	Nos	2	79.12	Rupees Seventy Nine And Paise Twelve Only

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	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Words
	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc and as per the direction of engineer in charge of work	Nos	2	1204.79	Rupees One Thousand Two Hundred Four And Paise Seventy Nine Only
74	Supplying and fixing L.T. cast Iorn pot heads suitable for 1.1. KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etcand as per the direction of engineer in charge of work	Nos	10	119.88	Rupees One Hundred Nineteen And Paise Eighty Eight Only
75	Supplying, fixing, wiring, earth electrode for gounding conduits, I.C cotouts and other equipments on the meter board using 40mm dia 2.90 thick GI pipe 2.5 mtr long buried in a pit... The pit should be filled with equal proprotion of salt and charcoal 150mm alround the pipe to complete depth. The connection from the to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and checkunts etc., the pipe shall have 16 through holes of 122mm dia and as per the direction of engineer in charge of work	Nos	2	311.47	Rupees Three Hundred Eleven And Paise Forty Seven Only
76	Supplying decorative horizontal type street light fluorescent fitting weather and water proof complete with low loss open construction copper wound ferromagnetic ballast,starter,locking type brass contact holders with 1 No. of 4 feet 40 watts fluorescent tube completely wired for use on 230/250 volts. 50cycles AC supply with opal reeded Perspex cover at bottom complete fitting and as per the direction of engineer in charge of work	Nos	2	2338.33	Rupees Two Thousand Three Hundred Thirty Eight And Paise Thirty Three Only
77	Supplying & fixing mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluroscent tube street light fitting of all capacities of GI or CI or rail or RCC pole/ wall using suitable clamps. bolts. and nuts and wiring using suitable capacity wires complete and as per the direction of engineer in charge of work	Nos	2	1714.28	Rupees One Thousand Seven Hundred Fourteen And Paise Twenty Eight Only
78	Providing and installing at site work P.V.C. Pipes including cost of pipes and specials and labour,including lowering into trenches,laying true to line,level and perfect linking at joints lead proof including jointing of approved type with all labour and lift charge, handling charges with all leads,including encasing the pipe around to a depth not less than 15cms with gravel or selected earth available from the excavation etc.,complete[P.No.15 - I.No.3.4.2.a& b PRED SR 2016-17]a) 63 mm dia PVC pipes 6kg/cm.square=104*6%=110.24 and as per the direction of engineer in charge of work	Nos	2	731.27	Rupees Seven Hundred Thirty One And Paise Twenty Seven Only

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	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Words
79	providing and installing at site work P.V.C. Pipes including cost of pipes and specials and labour,including lowering into trenches,laying true to line,level and perfect linking at joints lead proof including jointing of approved type with all labour and lift charge, handling charges with all leads,including encasing the pipe around to a depth not less than 15cms with gravel or selected earth available from the excavation etc.,complete[P.No.15 - I.No.3.4.2.a& b PRED SR 2016-17]a) 63 mm dia PVC pipes 6kg/cm.square=104*6%=110.24 and as per the direction of engineer in charge of work	Mtr	388	122.37	Rupees One Hundred Twenty Two And Paise Thirty Seven Only

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